(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 13 January 2005 (13.01.2005)

PCT

(10) International Publication Number WO 2005/004079 A1

(51) International Patent Classification⁷:

G08G 1/01

(21) International Application Number:

PCT/EP2003/006689

25 June 2003 (25.06.2003)

(25) Filing Language:

English

(26) Publication Language:

(22) International Filing Date:

English

(71) Applicants and

(72) Inventors: WEIS, Julian [DE/DE]; Breitestrasse 2, 79183 Waldkirch (DE). WEIS, Patrick [DE/DE]; Breitesrasse 2, 79183 Waldkirch (DE).

(74) Common Representative: WEIS, Julian; Breitestrasse 2, 79183 Waldkirch (DE).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

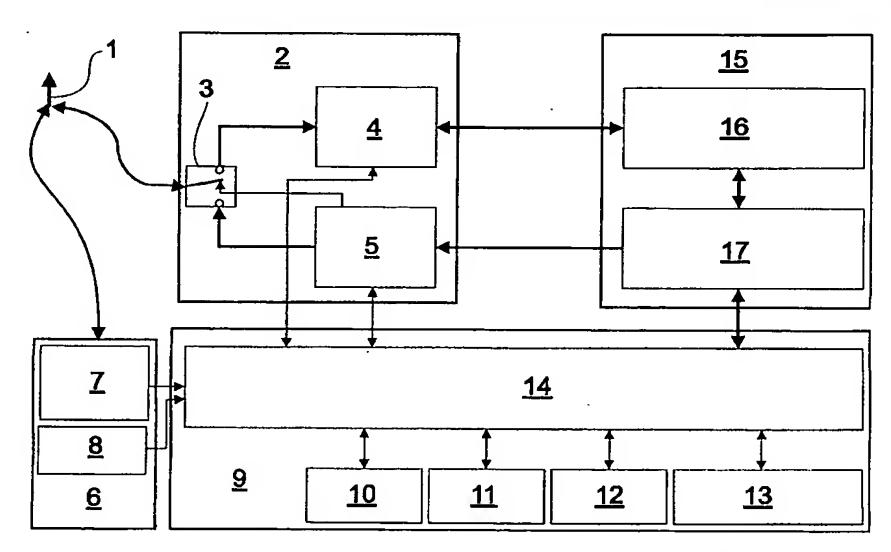
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A DEVICE FOR EXCHAGING DATA BETWEEN MOVING VEHICLES



(57) Abstract: A device for exchanging data between moving vehicles comprises a receiving module (4) for receiving data messages broadcasted from other vehicles equipped with said device, sensing and processing means (6, 9, 15) for generating vehiclespecific data and a broadcasting module (5) for broadcasting data messages including said received data and said vehicle specific data. The device further includes data processing means (16, 17) inseparably combining corresponding data from said received data and from said vehicle-specific data to synthesis data messages comprising time stamp data. The broadcasting module (5) is adapted to broadcast said synthesis data messages. Said data processing means (15, 16) include at least one evaluation member responsive to said time stamp data and evaluating the contribution of received synthesis data messages according to said time stamp data.